

Amendments to the Specification:

Page 1, amend the paragraph beginning on line 15 to read as follows.

In recent years, an optical disk drive apparatus enabling the recording/reproducing of information on an optical information recording medium, such as, the optical disk, etc., is used widely, as a recoding/reproducing apparatus, because of non-contacting and a large capacity thereof, and also obtaining high-speed accessing, and further as that for a ~~recoding~~recording medium, which is exchangeable and is low in the cost thereof, for example, to be a recording/reproducing apparatus for a digital audio signal and a digital video signal, as well as, to be an external memory apparatus for a computer.

Page 4, amend the paragraph beginning on line 33 to read as follows.

Further, according to the present invention, for accomplishing the object mentioned above, there is also provided a method for reproducing data, comprising, the following steps of: reading out information from an information recording layer, by irradiating a light beam upon an optical disk having a plural number of the information recording layers, being piled up in a direction of rotation axis thereof, in accordance with a transfer request from a host-computer; memorizing the information read out ~~from~~from said information recording layer into a memory; transferring the information memorized in said memory to said host-computer; and supervising an access to an each layer of said plural number of the information recording layers, and memorizing information, which follows information, upon which the transfer request is made from said host-computer, into a predetermined area of said memory, upon basis of a frequency of the accesses obtained through the supervision thereof.

Page 9, amend the paragraph beginning on line 11 to read as follows.

Following to the above, hereinafter, explanation will be given about the operation of the optical disc drive apparatus 102 according to the present embodiment, the structure of which was explained in the above, by referring to the flowchart shown in Fig. 1 attached herewith. However, the steps according to the flowchart shown in Fig. 1 are provided for the purpose of achieving a buffer management function for storing data of the layer accessed at high frequency, with a supervisory on the access frequency made to each layer of the information recording disk 103, and they are stored in the ROM 105 to be executed by the micro-processor 104 mentioned above. Also, as was mentioned previously, though the layers formed on the information recording disk 103, which is loaded into the optical disc drive apparatus 102, may be any number thereof, but being equal to or greater than two (2), however herein, explanation will be given on the case where the number of ~~lays~~ layers is three (3), for convenience of the explanation thereof.